

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

10/652867

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | |
| INDEPENDENT CLAIMS | minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

| SMALL ENTITY TYPE <input type="checkbox"/> | OTHER THAN OR SMALL ENTITY | SMALL ENTITY TYPE <input type="checkbox"/> | OTHER THAN OR SMALL ENTITY |
|---|-------------------------------|---|-------------------------------|
| BASIC FEE | | BASIC FEE | |
| X\$ 25 = | | X\$50 = | |
| X100 = | | X200 = | |
| +180 = | | +360 = | |
| TOTAL | | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2

10/28/05 CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|---|---|---|------------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 37 | Minus | 37 = 0 |
| Independent | 5 | Minus | 5 = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| SMALL ENTITY OR | OTHER THAN SMALL ENTITY | SMALL ENTITY OR | OTHER THAN OR ADDITIONAL FEE |
|--------------------|----------------------------|--------------------|---------------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 25 = | 0 | X\$50 = | |
| X100 = | 0 | X200 = | |
| +180 = | 0 | +360 = | |
| TOTAL ADDT. FEE | 0 | TOTAL ADDT. FEE | |

| | (Column 1) | (Column 2) | (Column 3) |
|---|---|---|------------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | Minus | ** | = |
| Independent | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|--------------------|------------------------|--------------------|------------------------|
| X\$ 25 = | | X\$50 = | |
| X100 = | | X200 = | |
| +180 = | | +360 = | |
| TOTAL ADDT. FEE | | TOTAL ADDT. FEE | |

| | (Column 1) | (Column 2) | (Column 3) |
|---|---|---|------------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | Minus | ** | = |
| Independent | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|----------|------------------------|---------|------------------------|
| X\$ 25 = | | X\$50 = | |
| X100 = | | X200 = | |
| +180 = | | +360 = | |